

# ABSTRACT

A communication protocol processing unit by a  
multiprocessor is disclosed, and includes a first processor for  
performing a process demanding a real time property on a stream  
5 of communication data; and a second processor for performing  
a process not demanding the real time property, wherein the  
first processor transfers using parameters paired with the  
communication data to be processed to the second processor, and  
the second processor is structured so as to refer to the  
10 transferred communication data and parameters to process.